



COMMON COURSE OUTLINE: Course discipline/number/title: AMT 1900: Welding

A. CATALOG DESCRIPTION

1. **Credits:** 2
2. **Hours/Week:** 4
3. **Prerequisites (if any):** None
4. **Co-requisites (if any):** None
5. **MnTC Goals (if any):** NA

This course covers theory and practice of oxy-acetylene, stick arc, and wire-feed welding. Students will learn theory and safety and have opportunity to learn and practice "hands on" welding skills. Recommended Entry Skills/Knowledge: High School Diploma/GED.

B. DATE LAST REVISED (use current date): April, 1997

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Welding Theory and Safety
2. Oxy-Acetylene Welding and Blazing
3. Stick Arc Welding
4. Wire-fed Welding

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Describe welding safety and theory.
2. Oxy-acetylene weld and blaze.
3. Select proper welding rods.
4. Stick arc weld.
5. Set up equipment.
6. Wire-fed weld.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

1. Tests
2. Quizzes
3. Scoring Practice Welds

G. SPECIAL INFORMATION (if any): None